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**IN THE CLAIMS:**

1-39 (Canceled)

40. (Previously presented) The isolated haemopoietin receptor according to claim 42, wherein Xaa is Asp or Glu.

41. (Canceled)

42. (Previously presented) An isolated haemopoietin receptor comprising an amino acid sequence encoded by a nucleic acid molecule which hybridizes under high stringency conditions to the complement of nucleotide sequence set forth in any one of SEQ ID NO: 12, 14, 16, 18 and 28 wherein said high stringency conditions comprise from at least about 31% v/v to at least about 50% v/v formamide for hybridisation, and 0.1xSSC/0.1% (w/v) SDS at 65°C for 30 min for washing conditions, and wherein said receptor comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.

43. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 13.

44. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 15.

45. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 17.

46-56. (Canceled)

57. (Previously presented) An isolated haemopoietin receptor comprising an amino acid sequence encoded by a nucleic acid molecule which hybridises under high stringency conditions to the complement of nucleotide sequence set forth in SEQ ID NO: 24, wherein said high stringency conditions comprise from at least about 31% v/v to at least about 50% v/v formamide for

hybridisation, and 0.1xSSC/0.1% (w/v) SDS at 65°C for 30 min for washing, and wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.

58. (Previously presented) An isolated haemopoietin receptor comprising the amino acid sequence set forth in SEQ ID NO: 44.

59. (New) An isolated haemopoietin receptor comprising an amino acid sequence encoded by a nucleic acid molecule which hybridises under high stringency conditions to the complement of nucleotide sequence coding for a polypeptide as set forth in SEQ ID NO: 44, wherein said high stringency conditions comprise from at least about 31% v/v to at least about 50% v/v formamide for hybridisation, and 0.1xSSC/0.1% (w/v) SDS at 65°C for 30 min for washing, and wherein said receptor further comprises the amino acid motif:

Trp Ser Xaa Trp Ser (SEQ ID NO: 1)

wherein Xaa is any amino acid.